

Converting Colors

Yxy(25.9336, 0.3810, 0.1892)

Have a look what the booklet for
Yxy(25.9336, 0.3810, 0.1892)
contains.

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Color

Yxy(25.9134, 0.3814, 0.1894)

Conversions

Conversions Part 1

Format	Color
Hex	FF0FCB
RGB	255, 15, 203
RGB Percent	100%, 6%, 80%
CMY	0.0000, 0.9404, 0.2041
CMYK	0.00, 0.94, 0.20, 0.00
HSL	313°, 100%, 53%
HSV	313°, 94%, 100%
XYZ	52.1825, 25.9134, 58.7224
YIQ	108.1920, 82.6920, 109.3480

Conversions

Conversions Part 2

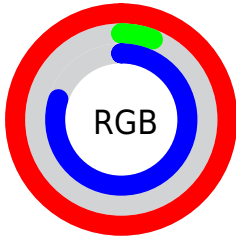
Format	Color
R _Y B	255, 15, 203
Decimal	16715723
CIE _{Lab}	57.95, 90.65, -35.29
CIE _{LCh}	58, 97.273, 338.729
Y _{xy}	25.9134, 0.3814, 0.1894
Android (android.graphics.Color)	4294905803 (0xFFFF0FCB)
YUV	108.1920, 46.7403, 128.7506
Hunter-Lab	50.9052, 93.8948, -32.7612

Details

The Yxy color **25.9134, 0.3814, 0.1894** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **72.0239, 0.2928, 0.5703**, and the grayscale version is **14.9342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7881, 0.3191, 0.1921**, and **13.4756, 0.3906, 0.1925** is the 20% darker color. If you saturate the color by 10%, you get **25.4118, 0.3862, 0.1901**, and if you desaturate by 10%, it is **27.4011, 0.3730, 0.1912**.

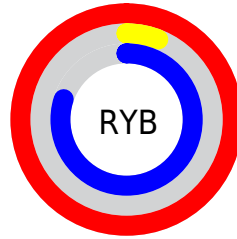
Distribution



Red (100%)

Green (6%)

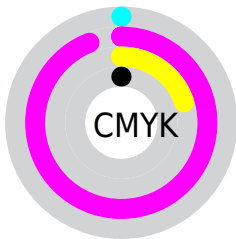
Blue (80%)



Red (100%)

Yellow (6%)

Blue (80%)

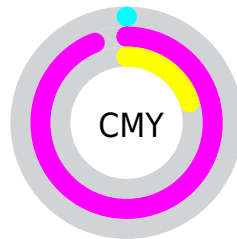


Cyan (0%)

Magenta (94%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (94%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9134, 0.3814, 0.1894 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 25.9134, 0.3814, 0.1894 by changing the saturation by 10% instead.

 25.9134, 0.3814,
0.1894


 25.9134, 0.3814,
0.1894


282.3567, 0.3487,
0.2554


 16.7589, 0.3889,
0.1744


 53.1352, 0.3700,
0.2124


 10.0627, 0.3981,
0.1560


 71.9713, 0.3656,
0.2213


 5.4406, 0.4096,
0.1333


 94.8033, 0.3618,
0.2290

 2.5080, 0.4240,
0.1051

 122.0157, 0.3585,
0.2357

 0.8806, 0.4421,
0.0702

 153.9928, 0.3556,
0.2415

 0.0000, 0.4782,
0.0000

191.1191, 0.3530,

 0.0000, 0.4831,

0.2467

0.0000

233.7789, 0.3507,
0.2513

■ 0.0000, 0.0000,
0.0000

■ 25.9134, 0.3814,
0.1894

■ 25.9134, 0.3814,
0.1894

■ 25.4118, 0.3862,
0.1901

■ 27.4011, 0.3730,
0.1912

■ 30.0336, 0.3643,
0.1977

■ 34.0035, 0.3556,
0.2089

■ 39.4673, 0.3471,
0.2238

■ 46.5595, 0.3391,
0.2415

■ 55.3999, 0.3318,
0.2610

■ 66.0969, 0.3252,
0.2812

■ 78.7501, 0.3195,
0.3015

■ 93.4519, 0.3145,
0.3213

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.9134, 0.2285, 0.1424



25.9134, 0.3814, 0.1894



25.9134, 0.5446, 0.2598

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.9134, 0.3814, 0.1894



25.9134, 0.4494, 0.5451



25.9134, 0.0853, 0.2028

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.9134, 0.3814, 0.1894



72.0239, 0.2928, 0.5703

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.9134, 0.1142, 0.3526



25.9134, 0.3814, 0.1894



25.9134, 0.3195, 0.6346

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.9134, 0.3814, 0.1894



25.9134, 0.5596, 0.4297



25.9134, 0.1979, 0.5681



25.9134, 0.0939, 0.1404

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.9134, 0.3814, 0.1894



25.9134, 0.6026, 0.3113



25.9134, 0.1979, 0.5681



25.9134, 0.0899, 0.2408

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.9148, 0.3814, 0.1894



61.6370, 0.3277, 0.2732



8.7654, 0.1650, 0.0704



12.2247, 0.3306, 0.2644



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9148, 0.3814, 0.1894



25.4145, 0.3862, 0.1901



22.2319, 0.5696, 0.2947



18.2289, 0.3171, 0.3106



13.3027, 0.3849, 0.1894



1.3112, 0.3762, 0.1846

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.9148, 0.3814, 0.1894



25.4145, 0.3862, 0.1901



75.2058, 0.2506, 0.4194



18.2289, 0.3171, 0.3106



13.3027, 0.3849, 0.1894



1.3112, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 25.9134, 0.3814, 0.1894 looks on a white background.

Color Contrast Check

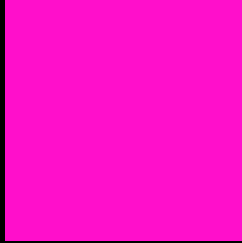
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.9134, 0.3814, 0.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9134, 0.3814, 0.1894

Background



This preview shows how black text looks on a background with the Yxy color 25.9134, 0.3814, 0.1894.



This preview shows how white text looks on a background with the Yxy color 25.9134, 0.3814, 0.1894.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.9134, 0.3814, 0.1894

Protanopia

26.5338, 0.1948, 0.1714

Deuteranopia

26.2546, 0.2545, 0.2489



Tritanopia

25.9532, 0.5308, 0.3262

Trichromacy



Original Color

25.9134, 0.3814, 0.1894



Protanomaly

19.6397, 0.2314, 0.1492



Deuteranomaly

20.5395, 0.2923, 0.1951



Tritanomaly

24.6245, 0.4835, 0.2680

Monochromacy



Original Color

25.9134, 0.3814, 0.1894



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

14.4578, 0.3444, 0.2253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9134, 0.3814, 0.1894 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 15, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 15, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 203) }
```

Border

The CSS property to change the border of an element to Yxy 25.9134, 0.3814, 0.1894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 15, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 15, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 15, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9134, 0.3814, 0.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 15,  
203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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